Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number ST00663DE

This certificate, issued to

The National Science Foundation 4201 Wilson Boulevard Arlington, Virginia 22230

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. Certification basis is set forth in Type Certificate Data Sheet A12EA.

Original Product—Type Certificate Number: A12EA

Make: Gulfstream
Model: GV (S/N 677)

Description of the Type Design Change:

Installation of dual canister mid wing and inboard wing store pylons, (100 pounds per pylon at L&R wing butt lines 123 and 193) to support atmospheric research in accordance with National Center for Atmospheric Research Master Drawing List MDL-100-07, Revision IR, dated August 15, 2007 or later FAA approved revision. This installation is complemented by STC No. ST00627DE that allows identical outboard wing store pylons at L&R wing butt line 264.

Limitations and Conditions:

- 1. A copy of this certificate, the FAA Approved Airplane Flight Manual Supplement, No. GV-2008-02, Rev. IR, dated and approved April 21, 2008, or later FAA approved revision, and the FAA accepted Instructions for Continued Airworthiness ICA-100-06, dated January 31, 2007, ICA-123-07, Revision IR, dated January 8, 2008, and ICA-192-07, Revision IR, Dated January 7, 2008 or later FAA accepted revisions are required and must be maintained as a part of the permanent records for this aircraft.
- 2. This approval is limited to Gulfstream Model GV, Serial No. 677 only.
- 3. Compatibility of this design change with previously approved modifications must be determined by the installer.
- 4. STC No. ST00627DE is a required installation for this STC.
- 5. STC No. ST03056AT is a required installation for this STC.
- 6. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application:

August 7, 2007

Date reissued:

Date of issuance:

April 21, 2008

Date amended:

By direction of the Administrator

TO MINISTRATION

Satish Lall (Signature)

Acting Manager

Northwest Mountain Region

Denver Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.